

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E30130

Employer : Spokane County

Worksite : Spokane County

Street : 1229 W Mallon Ave

Jurisdiction : City of Spokane

Survey Date : 11/30/2015

Survey Type : Paper

Response Rate : 86%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 73.5%

Reported Total Employees at Worksite: 1,223

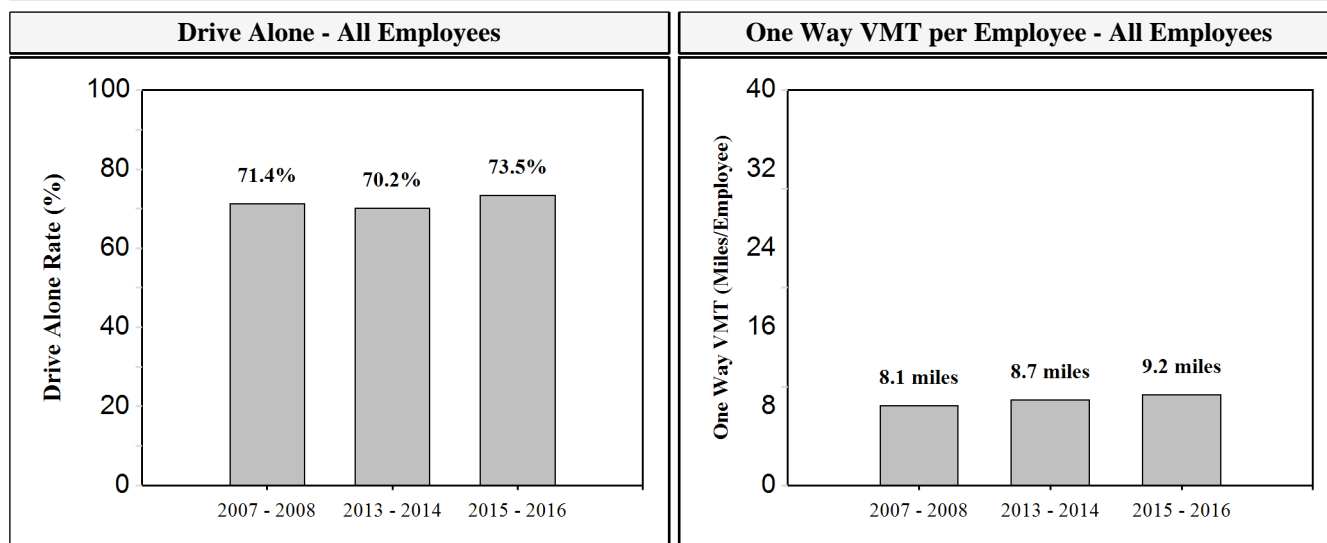
Surveys Distributed : 1,223

One-Way VMT per employee : 9.2

Surveys Returned : 1,049

Surveys Returned by CTR Affected Employees : 942

Total Estimated CTR - Affected Employees at Worksite : 1,098



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	71.4%	71.6%	8.1	8.0
2009 - 2010	66.3%	66.1%	8.6	8.7
2011 - 2012	68.1%	67.0%	8.1	8.0
2013 - 2014	70.2%	69.4%	8.7	8.7
2015 - 2016	73.5%	72.5%	9.2	9.2
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	2.9%	1.3%	13.6%	15.0%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2013 - 2014	2015 - 2016
Drive Alone - All Employees*	71.4%	70.2%	73.5%
Drive Alone - CTR Affected Employees*	71.6%	69.4%	72.5%
VMT/Employee - All Employees	8.1	8.7	9.2
VMT/Employee - CTR Affected Employees	8.0	8.7	9.2

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2013 - 2014	2015 - 2016
Emissions for Surveyed Employees	1,860	1,925	1,957
Estimated Emissions for Total Employment	2,633	2,698	2,281

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2013 - 2014	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	522,204	569,378	449,677
Bus Annual Passenger Miles - Surveyed Employees	368,800	406,300	385,700
Ferry Annual Passenger Miles - Estimated for Total Employment	0	841	0
Ferry Annual Passenger Miles - Surveyed Employees	0	600	0
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	10,903	0	0
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	7,700	0	0

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

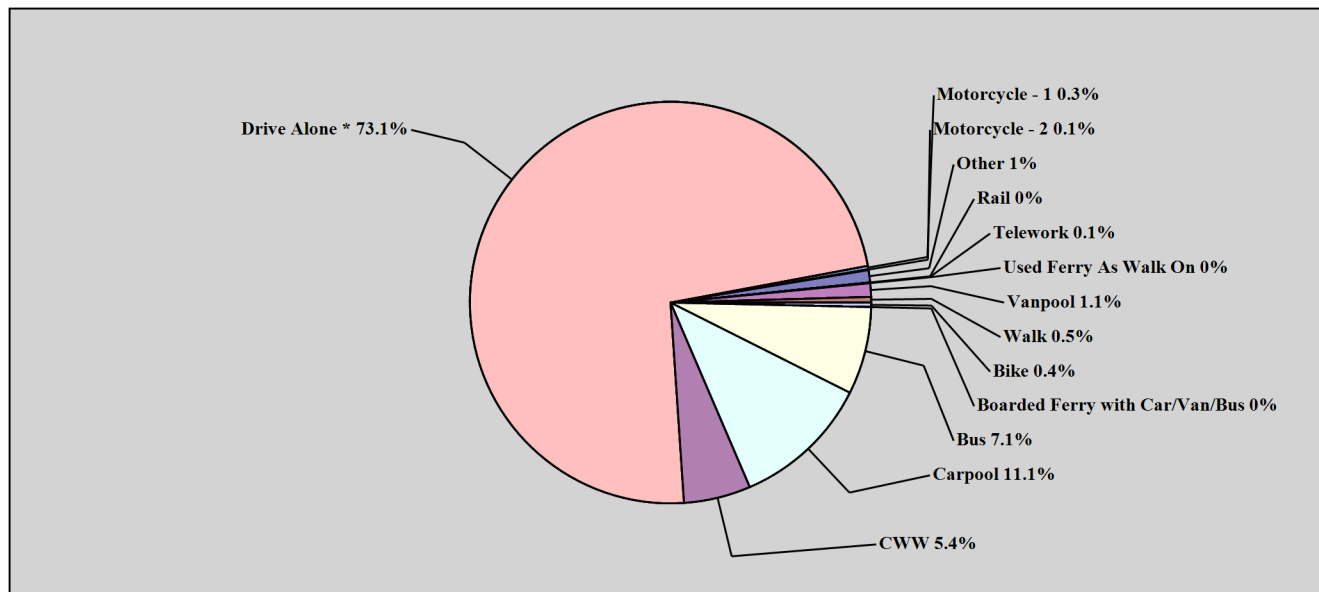
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 11.6 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



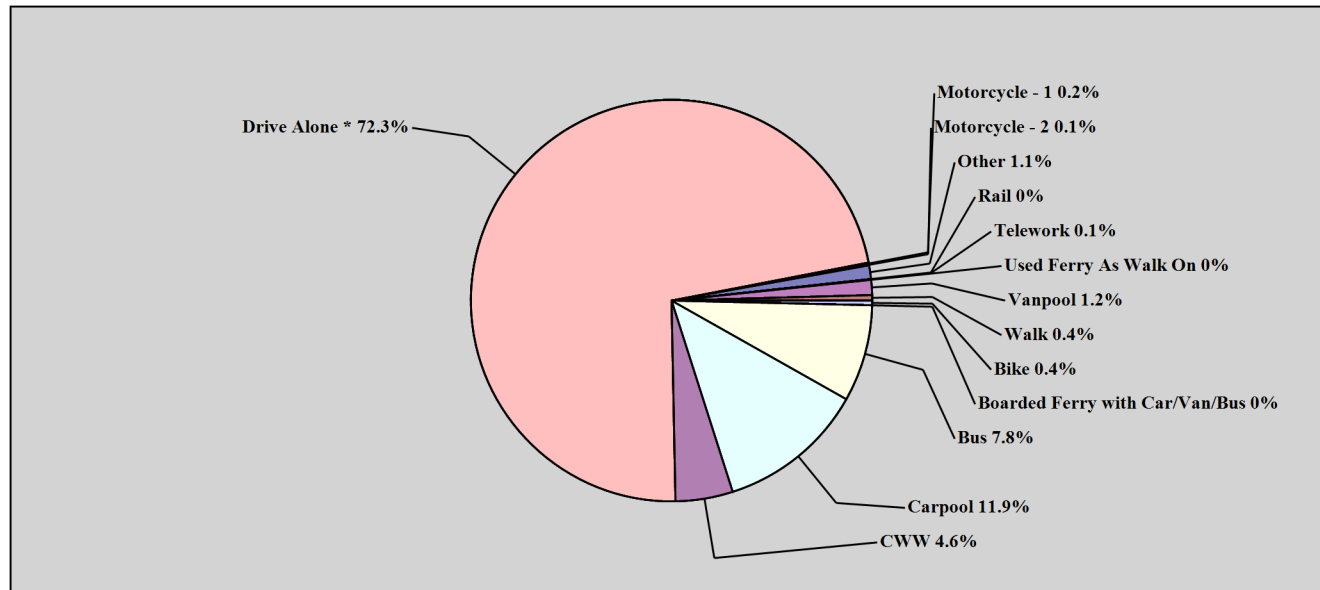
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	3,692	73.1%	69.7%	877	83.6%	80.7%
Carpool	562	11.1%	12.8%	153	14.6%	17.0%
Vanpool	55	1.1%	1.0%	15	1.4%	1.3%
Motorcycle - 1	14	0.3%	0.5%	5	0.5%	0.8%
Motorcycle - 2	3	0.1%	0.0%	2	0.2%	0.1%
Bus	356	7.1%	7.5%	107	10.2%	10.1%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	18	0.4%	0.5%	6	0.6%	0.8%
Walk	23	0.5%	0.4%	7	0.7%	0.6%
Telework	3	0.1%	0.3%	3	0.3%	0.4%
CWW	272	5.4%	6.4%	269	25.6%	31.2%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.1%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	50	1.0%	0.9%	14	1.3%	1.4%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	3,288	72.3%	68.9%	777	82.5%	79.5%
Carpool	541	11.9%	13.4%	148	15.7%	17.8%
Vanpool	55	1.2%	1.1%	15	1.6%	1.4%
Motorcycle - 1	7	0.2%	0.5%	3	0.3%	0.8%
Motorcycle - 2	3	0.1%	0.0%	2	0.2%	0.1%
Bus	355	7.8%	7.9%	106	11.3%	10.6%
Rail	0	0.0%	0.0%	0	0.0%	0.0%
Bike	17	0.4%	0.5%	5	0.5%	0.8%
Walk	20	0.4%	0.4%	6	0.6%	0.5%
Telework	3	0.1%	0.3%	3	0.3%	0.4%
CWW	210	4.6%	6.0%	208	22.1%	29.3%
Boarded Ferry with Car/Van/Bus	0	0.0%	0.0%	0	0.0%	0.1%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	50	1.1%	1.0%	14	1.5%	1.5%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	556	53%	1,049	100%
1 Days	222	21%	493	47%
2 Days	28	3%	271	26%
3 Days	45	4%	243	23%
4 Days	63	6%	198	19%
5 Days	135	13%	135	13%
6 or More Days	0	0%	0	0%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	450	67.7%	48	7.2%	47	7.1%	85	12.8%	0	0%	7	1.1%	5	0.8%	4	0.6%	150	22.6%
4 days a week (4/10s)	1	0.7%	125	88%	2	1.4%	4	2.8%	0	0%	1	0.7%	2	1.4%	4	2.8%	14	9.9%
3 days a week	0	0%	5	83.3%	0	0%	1	16.7%	0	0%	0	0%	0	0%	0	0%	1	16.7%
9 days in 2 weeks (9/80)	46	22.1%	83	39.9%	24	11.5%	27	13%	0	0%	6	2.9%	1	0.5%	3	1.4%	75	36.1%
7 days in 2 weeks	0	0%	8	88.9%	0	0%	1	11.1%	0	0%	0	0%	0	0%	0	0%	1	11.1%
Other	4	23.5%	9	52.9%	1	5.9%	1	5.9%	0	0%	0	0%	0	0%	0	0%	2	11.8%

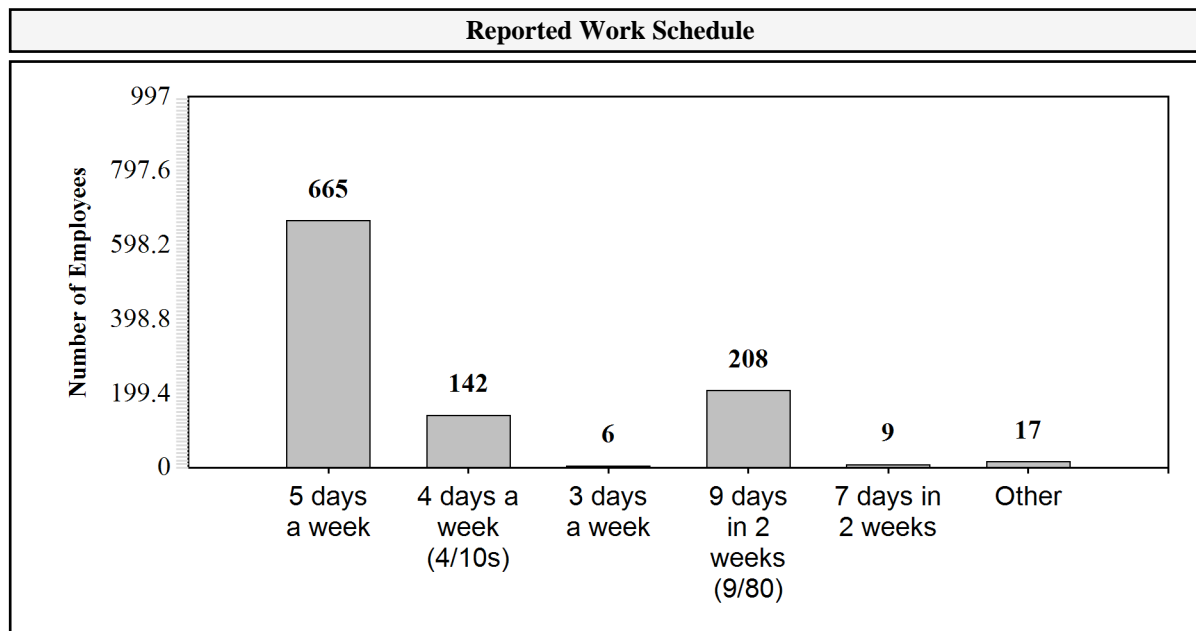
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	26
2	Motorcycle	3
2	Carpool	541
3	Carpool	21
4	Carpool	0
5	Carpool	0
>5	Carpool	0
<5	Vanpool	3
5	Vanpool	0
6	Vanpool	0
7	Vanpool	3
8	Vanpool	21
9	Vanpool	10
10	Vanpool	9
11	Vanpool	3
12	Vanpool	6
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

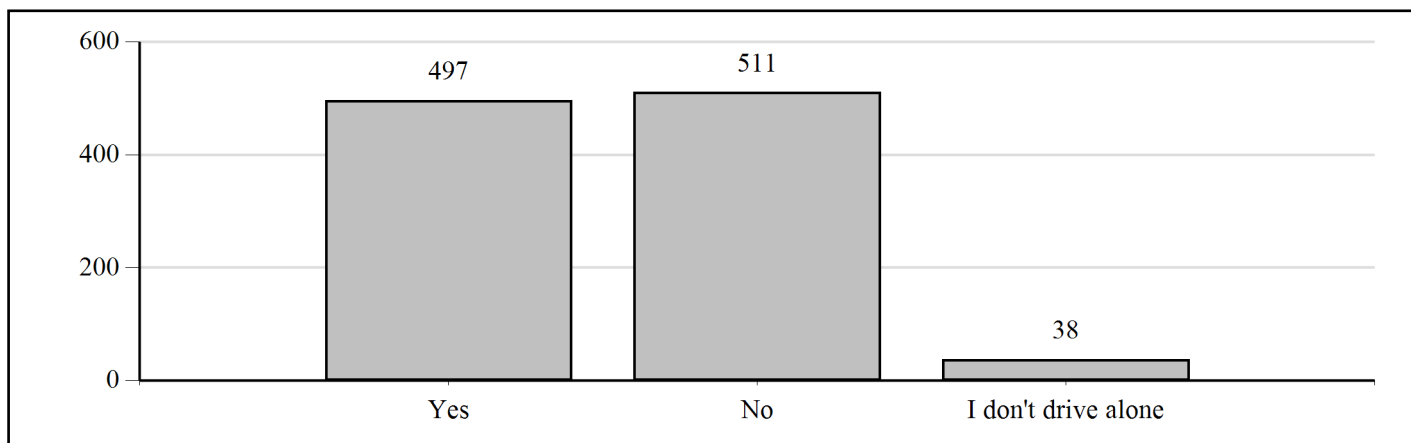
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	665	63.5%
4 days a week (4/10s)	142	13.6%
3 days a week	6	0.6%
9 days in 2 weeks (9/80)	208	19.9%
7 days in 2 weeks	9	0.9%
Other	17	1.6%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	5	0.5%
I don't telework	1019	97.1%
Occasionally, on an as-needed basis	24	2.3%
1-2 days/month	1	0.1%
1 day/week	0	0.0%
2 days/week	0	0.0%
3 days/week	0	0.0%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	717	23.0%
Emergency ride home is provided	560	18.0%
Personal health or well-being	384	12.3%
Cost of parking or lack of parking	371	11.9%
Other	267	8.6%
Environmental and community benefits	264	8.5%
Free or subsidized bus, train, vanpool pass or fare benefit	222	7.1%
Financial incentives for carpooling, bicycling or walking.	129	4.1%
Driving myself is not an option	90	2.9%
Preferred/reserved carpool/vanpool parking is provided	83	2.7%
I have the option of teleworking	15	0.5%
I receive a financial incentive for giving up my parking space	8	0.3%
To save time using the HOV lane	3	0.1%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	842	26.9%
Family care or similar obligations	656	21.0%
Riding the bus or train is inconvenient or takes too long	613	19.6%
Other	471	15.1%
My job requires me to use my car for work	181	5.8%
Bicycling or walking isn't safe	174	5.6%
My commute distance is too short	160	5.1%
I need more information on alternative modes	23	0.7%
There isn't any secure or covered bicycle parking	8	0.3%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	6	0	0	0	0	0	1	0	0	1
2	2	0	0	1	0	0	0	0	2	11
3	2	0	0	0	0	0	0	1	0	4
4	0	0	0	0	0	0	0	0	0	17
5	3	0	0	0	0	0	0	0	0	8
6	1	0	0	0	0	0	0	0	0	13
7	0	0	0	0	0	0	0	0	0	0
8	2	0	0	0	0	0	0	0	0	20
9	0	0	0	0	0	0	0	0	0	1
10	1	0	0	0	0	0	0	0	0	21
11 or more	0	0	0	0	0	0	0	0	0	5
# Of Employees using Transit	17	0	0	1	0	0	1	1	2	101
Total One-Way Transit Trips Per Week	63	0	0	2	0	0	1	3	4	668

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	6	0	0	0	0	0	0	0	0	1
2	2	0	0	0	0	0	0	0	1	9
3	2	0	0	0	0	0	0	1	0	4
4	0	0	0	0	0	0	0	0	0	17
5	3	0	0	0	0	0	0	0	0	8
6	1	0	0	0	0	0	0	0	0	13
7	0	0	0	0	0	0	0	0	0	0
8	2	0	0	0	0	0	0	0	0	20
9	0	0	0	0	0	0	0	0	0	1
10	1	0	0	0	0	0	0	0	0	21
11 or more	0	0	0	0	0	0	0	0	0	5
# Of Employees using Transit	17	0	0	0	0	0	0	1	1	99
Total One-Way Transit Trips Per Week	63	0	0	0	0	0	0	3	2	664

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	1	0.10%	0	0	0	4	0	0	0	0	0	1	0	0	0
83803	1	0.10%	2	3	0	0	0	0	0	0	0	0	0	0	0
83814	5	0.48%	11	4	4	0	4	0	0	0	0	1	0	0	0
83815	11	1.05%	34	0	13	0	2	0	0	0	0	1	0	0	4
83835	4	0.38%	6	0	11	0	0	0	0	0	0	2	0	0	0
83854	12	1.14%	37	0	16	0	2	0	0	0	0	4	0	0	0
83858	4	0.38%	2	5	8	0	2	0	0	0	0	1	0	0	0
83869	2	0.19%	5	5	0	0	0	0	0	0	0	0	0	0	0
88118	1	0.10%	4	0	0	0	0	0	0	0	0	1	0	0	0
99001	6	0.57%	19	5	0	0	0	0	0	0	0	1	0	0	5
99003	9	0.86%	37	5	0	0	0	0	0	0	0	5	0	0	0
99004	24	2.29%	79	6	0	0	14	0	0	0	0	9	0	0	5
99005	37	3.53%	104	49	0	0	15	0	0	0	0	11	0	0	0
99006	11	1.05%	31	7	0	0	8	0	0	0	0	5	0	0	0
99008	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
99009	2	0.19%	9	0	0	0	0	0	0	0	0	1	0	0	0
99012	3	0.29%	14	0	0	0	0	0	0	0	0	1	0	0	0
99014	1	0.10%	4	0	0	0	0	0	0	0	0	0	0	0	0
99015	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
99016	23	2.19%	82	9	0	4	7	0	0	0	1	8	0	0	0
99019	17	1.62%	61	5	0	0	8	0	0	0	0	3	0	0	4
99020	1	0.10%	0	1	0	0	4	0	0	0	0	0	0	0	0
99021	33	3.15%	96	32	0	0	15	0	0	0	0	15	0	0	3
99022	17	1.62%	57	8	0	0	0	0	0	0	0	9	0	0	0
99025	11	1.05%	29	11	0	0	8	0	0	0	0	2	0	0	0
99026	26	2.48%	96	16	0	0	0	0	0	0	1	7	0	0	4



99027	16	1.53%	50	6	0	0	11	0	0	0	0	4	0	0	1
99028	1	0.10%	4	0	0	0	0	0	0	0	0	1	0	0	0
99029	2	0.19%	6	0	0	3	0	0	0	0	0	1	0	0	0
99030	1	0.10%	0	4	0	0	0	0	0	0	0	1	0	0	0
99031	3	0.29%	9	5	0	0	0	0	0	0	0	1	0	0	0
99036	2	0.19%	8	0	0	0	0	0	0	0	0	1	0	0	0
99037	21	2.00%	82	8	0	0	5	0	0	0	0	4	0	0	0
99039	1	0.10%	1	0	0	0	0	0	0	0	0	0	0	0	0
991 8	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
99109	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
99110	4	0.38%	10	5	0	2	0	0	0	0	0	2	0	0	0
99111	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
99117	1	0.10%	4	0	0	0	0	0	0	0	0	1	0	0	0
99122	2	0.19%	2	3	0	0	0	0	0	0	0	0	0	0	0
99148	3	0.29%	7	6	0	0	0	0	0	0	0	0	0	0	0
99156	5	0.48%	15	8	0	0	0	0	0	0	0	2	0	0	0
99171	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
99173	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
99200	1	0.10%	4	0	0	0	0	0	0	0	0	1	0	0	0
99201	25	2.38%	83	5	0	2	4	0	1	18	0	5	0	0	4
99202	19	1.81%	68	7	0	0	12	0	0	0	0	2	0	0	0
99203	60	5.72%	216	51	0	0	18	0	4	1	0	8	0	0	0
99204	13	1.24%	50	3	0	0	5	0	0	4	0	2	0	0	0
99205	136	12.96%	491	72	0	0	51	0	5	0	0	39	0	0	5
99206	59	5.62%	227	22	0	0	17	0	0	0	0	18	0	0	4
99207	35	3.34%	120	28	0	2	10	0	5	0	0	5	0	0	0
99208	128	12.20%	496	49	0	5	30	0	0	0	1	31	0	0	6
99210	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
99212	38	3.62%	150	25	0	0	6	0	0	0	0	9	0	0	0
99216	29	2.76%	97	11	3	0	18	0	0	0	0	11	0	0	0
99217	23	2.19%	90	8	0	0	7	0	2	0	0	8	0	0	0
99218	32	3.05%	91	6	0	3	49	0	0	0	0	8	0	0	0
99223	74	7.05%	266	35	0	4	23	0	1	0	0	13	0	0	0
99224	42	4.00%	172	24	0	0	1	0	0	0	0	6	0	0	5
99295	1	0.10%	5	0	0	0	0	0	0	0	0	0	0	0	0
99298	2	0.19%	9	0	0	0	0	0	0	0	0	0	0	0	0